

Plainwell No. 2 Dam Area Time-Critical Removal Action

Weekly Construction Update

Progress Report #11—October 26, 2009

Work Completed: October 15 – October 21, 2009

- Continued the installation of backfill and six-inch vegetative layer in Removal Area 1 and started this work in Removal Area 2.
- Completed the removal of resuspension control systems in Removal Area 2.
- Completed excavation of targeted top-of-bank and floodplain soils from Removal Area 3A.
- Began installation of restoration stone in Removal Area 3A.
- Completed installation of the resuspension control systems for Removal Area 4A.
- Completed the excavation of targeted top-of-bank and floodplain soils from Removal Area 4A.
- Completed installation of resuspension control systems for Removal Area 5A.
- Began the excavation of targeted top-of-bank and floodplain soils from Removal Area 5A.
- Continued loading excavated material stockpiled at Staging Area 3 into trucks and transporting it to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.

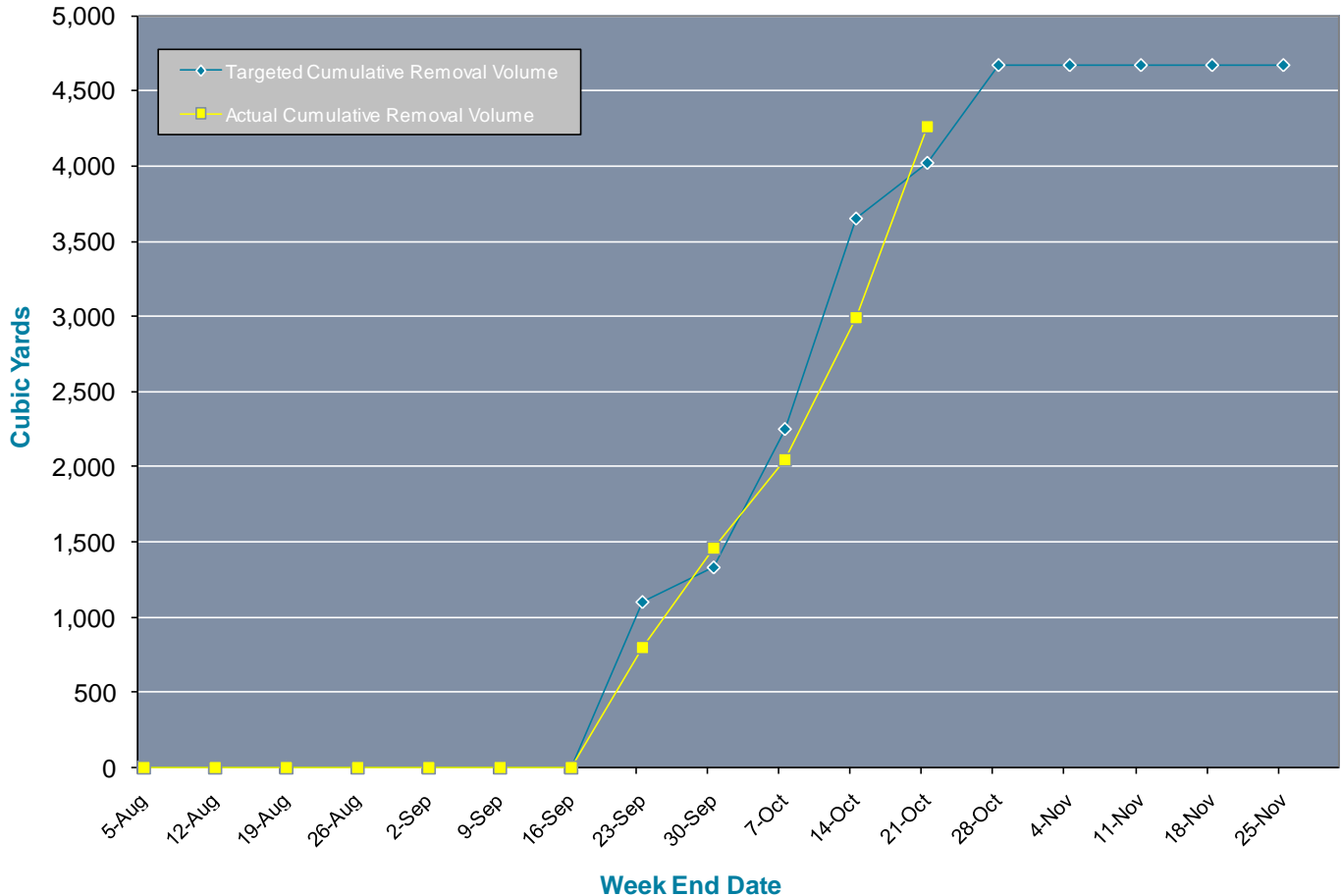
Estimated Weekly Volume Hauled to Non-TSCA Landfill Facilities		
Date	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	1,365	39
2009 Total	4,060	116

Note: All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: October 22 – October 28, 2009

- Begin the installation of backfill and six-inch vegetative layer in Removal Area 3A.
- Complete installation of restoration stone and coir log in Removal Area 3A.
- Complete excavation of targeted top-of-bank and floodplain soils from Removal Area 5A.
- Begin removal of the resuspension control systems for Removal Areas 3A, 4A, and 5A.
- Complete loading excavated material stockpiled at Staging Area 3 into trucks and transporting it to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Begin decommissioning activities associated with Staging Area 3 components, including the removal of the pug mill.
- Begin bank repair activities associated with Removal Areas 8 and 9B at the former Plainwell Impoundment TRCA project area. Activities will include the installation of restoration stone and coir log.

Removal Progress – 2009

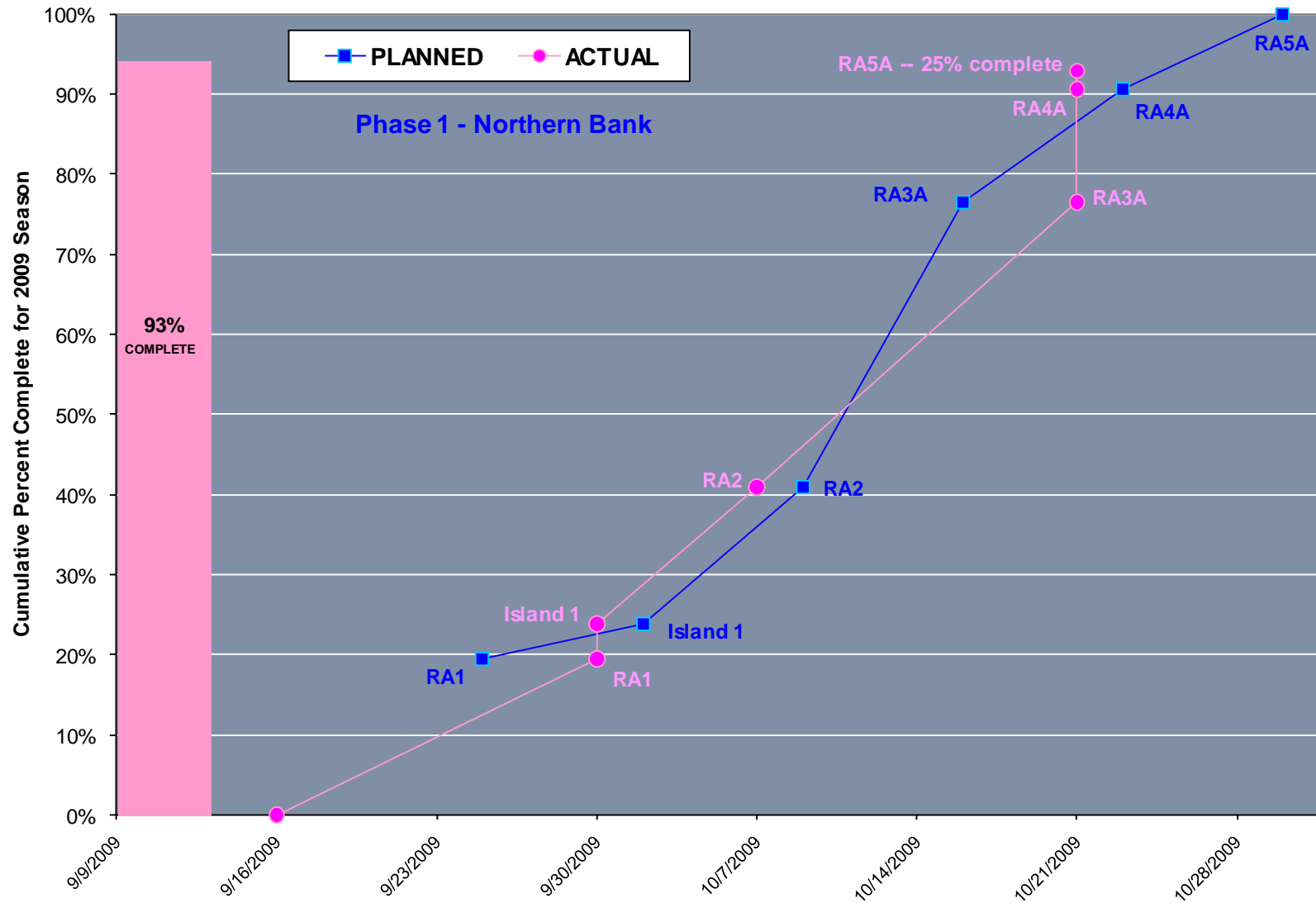


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling.

Removal Progress – 2009



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell No. 2 Dam Area Design Report.

Health & Safety Update

- 3 Loss Prevention Observations (LPOs) were completed during this period.
A total of 33 LPOs have been completed for the project to date.

Weather Summary

- No weather delays encountered.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 40,000 gallons (Staging Area 3)

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Locations: Removal Areas 3A and 4A.

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ *Analytical pending in Removal Area 3A and 4A.*

Issues Encountered/Solutions Advanced

- None.

Equipment on Site

Equipment List	Number Onsite
Komatsu PC-400 Excavator	1
Komatsu PC-300 HD Long Reach	2
Komatsu PC-300 Excavator w/Shear Attachment	1
Komatsu PC-300 Excavator	1
Komatsu PC-200 Excavator	1
John Deere JD-50 Mini-Excavator	1
John Deere 450 Dozer	1
Komatsu D51 Dozer	1
Komatsu 380 loader	2
Pug Mill	1
Sakai Smooth Drum Roller	1
Track Mounted Man Basket	1
Vermeer Chipper	1
2,000 gallon water truck	1
Komatsu 400 Off Road Truck	1
Komatsu 300 Off Road Truck	2
FAVCO 40-Ton Crane	1

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	10/15/09	10/16/09	10/17/09	10/18/09	10/19/09	10/20/09	10/21/09
Terra Contracting Staff	12	12	10		12	12	12
American Environmental Group							
US TRACKWORKS, LLC							
JF New							
Georgia-Pacific Staff							
Garry Griffith							X
Chase Fortenberry							
Rich Garner							
ARCADIS Staff							
EJ Suardini	X	X			X	X	X
Michelle Rumler	X	X			X	X	X
Mike Kohagen	X	X	X		X	X	X
Ben Lawrence	X	X			X	X	X
Nick Harmer							
Steve Garbaciak							X
Scott Marcus							
Eric Hritsuk							X
Oversight Personnel							
Sam Borries/USEPA OSC							
Thomas Cook/USEPA OSC							
Weston Personnel	X	X			X	X	X
Other Agency Staff							
Paul Bucholtz/MDEQ							
Sharon Hanshue/MDNR							X
John Lerg/MDNR							X
Lisa Williams/USFWS							X

Photos from October 15 – October 21, 2009



Lining trucks at Staging Area 3 – these trucks are used to transport materials to the landfills.



Installing turbidity monitoring equipment prior to excavating in Removal Area 4A.

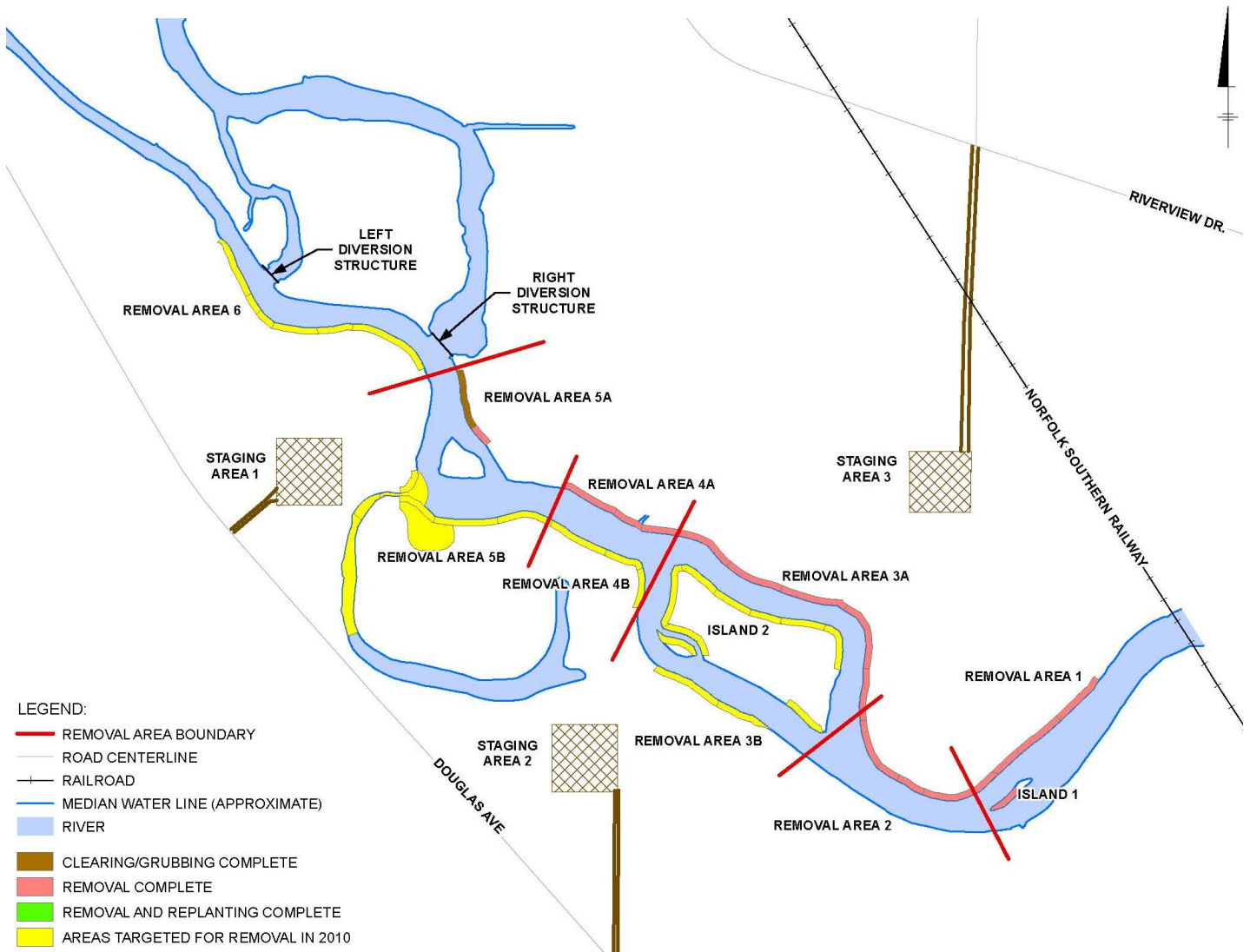


Excavating material in Removal Area 4A.



Installing topsoil in Removal Area 1.

Targeted Removal Areas – Plainwell No. 2 Dam Area



Notes:

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.